

प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

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No. 201

NEW DELHI, SATURDAY, MAY 18, 1985 (VAISAKHA 28, 1907)

इस माग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

माग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस (Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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Calcutta, the 18th May 1985

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APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD. CALCUTTA-17

The dated shown in crescent brackets are the dates claimed under Section 135, of the Act.

10th April, 1985

- 271/Cal/85. Stoping Altiengesellschaft. Sliding Gate Valve System for teeming from liquid metal containing vessels.
- 272/Cal/85. The Inbrizol Corporation. Additives for Lubricants and Functional Fluids which exhibit cants and Functional Fluids which exhibit improved performance and method for preparing same.
- 273/Cal /85. Norton Company Tower Packing Elements.
- 274/Cal/85. Gur Charan Saini. Lockable Door fastening device.

11th April, 1985

- 275/Cal/85. Allflex International Limited. A tag.
- 276/Cal/85. Johnson and Johnson Oral Hygiene Composi-
- 277/Cal '85. Concast Service Union AG Apparatus for closing off the sides of a shaping crypty of substantially rectangular cross section in a continuous casting installation
- Kett Flectric Laboratory. Flectrc Moisture 278/Cal/85 Meter
- 279/Cal/85 Satake Engineering Co Itd Belt Cornector Device.

12th April, 1985

- 280/Cal/85 Suresh Chande: Suri A Precast RCC dividing chamber.
- 281/Cal/85 Suresh Chander Suri. A Precast Village Road Bridge.
- 282/Cal/85 Suresh Chander Suri. An outlet for irrigation.
- 283/Cal/85. Suresh Chandet Suri. A device for delivering water from a higher level to a lower level
- 284/Cal/85 Suresh Chander Suri A monolithic structure for diverting water from a canal
- 285/Cal /85. Siemens Aktiengesellschaft. A photo-ignitable thyristor assembly
- 286/Cal/85. General Electric Company Electromagnetic levitation casting apparatus having improved 'ivitation coil assembly.

15th April. 1985

- 287/Cal/85 Siemens Aktienges-Ilschaft A process for the production of crack-free large-area crystalline silicon bodies for solar cells
- 288/Cal/85. SKW Trootberg Aktiengesellschaft. Process for the production of decaffeinated Tea.
- 289/Cal/85 General Flectric Company. Continuous metal tube casting method apparatus and product.

16th April, 1985

- 290/Cal/85 Fation Corporation. Reduced-Size Thermal Overload Pelay.
- Chander Parkash Kant Kant Matrix for 291/Cal/85 Multi-coloured Printing
- 292/Cal/85 (1) Manoi Kumar Ghosh (2) Amiya Kumar Mallick (3) (Ms) Amita Datta and (4) Regis-trar Indian Institute of Technology. Kharagnur. An optical fibre based linear displacement meter.

17th April, 1985

- 293/Cal/85 Schweissindustrie Oerlikon Buhrle AG. Process, Apparatus and installation for the continuous production of a filler wire.
- ^91/Cal/85 Schweissindustrie Oerlikon Buhrle AG. Filler
- 295/Cal/95 Schweissindustrie Oerlikon Buhrle AG. Process and machine for machining the longitudinal weld of a moving tube.
- Warmen International Limited. Low-Flow Pump Casing (18th April, 1984) Australia. 296/Cal/85
- Texaco Development Corporation. Quench Ring and Dip Tube Assembly. 297/Ca1/85

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MUNICIPAL MARKET BUILDING, 3RD FLOOR, KAROL **LAGH, NFW DELHI-5**

25th March, 1985

- 253/Del/85 Fuller Company "Method and apparatus for conditioning fly esh".
- 254/De¹/85. Pfizer Inc.. "A process for preparing piroxicam". [Divisional date September 22, 1982].

26th March, 1985

- 255/Del/85 The Standard Oil Company, "Amorphous metal alloy powders and bulk objects and synthesis of same by solid state decomposition reactions".
- 256/Dcl/85 I pergy Conversion Devices Inc., "Improved method of making amorphous semiconductor alloys and devices using microwave energy".
- 257/Del/85 Energy Conversion Devices, Inc., "Electroplated substrate".
- 258/De¹/85 Compania Valenciana De Cementos Portland, S.A.. "Improvements to polygonal stackable drums". (Convention date March 29, 1984) (U.K.).

27th March, 1985

- 259/Del/85. Satish Chander. "Improvements in or relating to lattoe (Top) (with light) made of plastic".
- 260/Del/85. Indo Auto Industries, "Automatic chain guide cum adjuster".
- 261/Del/85. Bicc Public I td. Co., "Granulation". (Convention date April 12, 1984) (U.K.).
- 262/Del/85. Hydro Quebec, "Purification of effluent gases". (Convention date October 22, 1984) (Canada).
- 263/Del/85. The Babock & Wilcox Co., "Method for re-placing tubes in a header or drum".
- 264/Del/85 Bertin & Cic, "Spray cooling apparatus".

28th March, 1985

- 265/Del/85 Burlington Industries, Inc., "Improved orifice plate constructions".
- 266/Del/85. The Babcock & Wilcox Co., "Casting seal attachment".
- 267/Del/85 Council of Scientific and Industrial Research, "A device for NM.R. spectra in undevterated solvents on F.T. (fourier transform) instruments"
- 268/Del/85 Council of Scientific and Industrial Research "A device for attachment to domestic ovens for clan and epficient combuston of solid fuels".

29th March, 1985

- 269/Del/85. USM Corporation, "Self adjusting minimum clearing bearing".
- 270/Del/85. Exxon Research and Engineering Company, "Improved halogenated butyl rubber and process therefor".
- 271/Dei/85. Council of Scientific and Industrial Research, "An improved process for the production of glassy carbon".
- 272/Del/85. Council of Scientific and Industrial Research, "Improved process for making transparent electrically conducting patterns on glass substrate for electro-optical display devices".
- 273/Del/85. Council of Scientific and Industrial Research, "Swing blade crosswind axis turbine".
- 274/Del/85. Ghanshyam Das Agrawal, "A flushing reservoir".

30th March, 1985

- 275/Del/85. Lipha, Lyonnaise Industrielle Pharmaceutique, "Preparation of derivatives of hydroxy-4-2H-1-benzothiopyran-2-one".
- 276/Del/85. CGEE Alsthom, "Device for generating a signal corresponding to a variable magnitude associated with the reactive power of an arc furnace in order to control a reactive power compensator".
- 277/Del/85. Council of Scientific and Industrial Research, "A process for making medicated dervical dilators".
- 278/Del/85. Council of Scientific and Industrial Research, "Improved solar cooker".
- 279/Del/85. Council of Scientific and Industrial Research, "Process for the conversion of methanol to olefins".

1st April, 1985

280/Del/85. PPG Industries, INC, "Diphenylether oxime ester derivatives".

2nd April, 1985

- 281/Del/85. Anderson Strathclyde PLC., "Angle stations in or for endless conveyor belts". (Convention date April 7, 1984) (U.K.).
- 282/Del/85. Ashok Kumar Agarwal, "Valve seal for flares and vent pipes".

4th April, 1985

- 283/Del/85. LIM Kunststoff Technologie Ges.m.b.H., "Tyre made of castable or sprayable elastomers".
- 284/Del/85. Stein Heurtey, "A method for degreasing a cold rolled metallic band".
- 285/Del/85. Pfizer Corporation, "Anti diarrhoeal agents". (Convention date April 6, 1984 and January 26, 1985). (U.K.).

6th April, 1985

- 286/Del/85. Ravindra Pratap Singh, "An improved process of manufacture of a medicine for use in the treatment of filariasis".
- 287/Del/85. Melchor Duran, "Chemisorption air conditioner" (Convention date April 6, 1984) (Canada).
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1st April, 1985

251/Mas/85. BBC. Brown, Boveri & Company, Limited.
Aplitude-modulated transmitter with class B anode modulation.

- 252/Mas/85. Shell Internationale Research Maatschappij
 B. V.. Process for the preparation of hydrocarbons.
- 253/Mas/85. Metal Box p.l.c., Closures for containers. (May 8, 1984; United Kingdom).
- 254/Mas/85. Gersan Establishment. Working facets on a genstone. (April 3, 1984; Great Britain).
- 255/Mas/85. Gult & Western Manufacturing Company.
 Portable aircraft arresting apparatus.

2nd April, 1985

- 256/Mas/85. SKF Steel Engineering AB. Cleaning Waste Gases.
- 257/Mas/85. SKF Steel Engineering AB. Method of destroying hazardous wastes.
- 258/Mas/85. Establissement Gersan. Examining an unfinished gemstone. (May 29, 1984; Great Britain).
- 259/Mas/85, F. L. Smidth & Co., Counter-current heat exchanger. (April 10, 1984; Great Britain).
- 260/Mas/85. F. L. Smidth & Co.. Heat Exchanger. (April 10, 1984; British).
- 261/Mas/85. Franz Fourne. Process for guiding quench air for cooling and solidification of melt spun filaments, and quench chambers herefore.
- 262/Mas/85. Abex Corporation. Snubber.

4th April, 1985

- 263/Mas/85. DRG (U.K.) Limited. Stacker-reclaimer. (April 12, 1984; United Kingdom).
- 264/Mas/85. Elkem a/s. Method for preventing dust depositions or build-ups in off-gas channels of electrothermal smelting furnaces.
- 265/Mas/85. Interlok Limited. Storage tanks. (April 5, 1984: Australia).
- 266/Mas/85. Ireco Incorporated. Cast explosive composition.

6th April, 1985

- 267/Mas/85. K. V. S. T. Raju. A noiseless Railway track.
- 268/Mas/85. K. V. S. T. Raju. An improved washing machine.
- 269, Mas/85. Preformed Line Products Company. Splice case. (March 15, 1985; Great Britain).
- 270/Mas/85. Raychem Corporation. Heat-Recoverable Coextruded Articles.

COMPLETE SPECIFICATION ACCEPTED

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CLASS · 55-E4

156105

Int. Cl.: A 61 k 27/00.

A PROCESS FOR THE PREPARATION OF A PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION CONTAINING CYTIDIN DIPHOSPHOCHOLINE

Applicant: MADE ITALIANA s.r.l., OF VIA TIBURTINA, 1310. ROMA, ITALY.

Inventor: FRALDO BORGO

Application No. 308/Cal/82 filed March 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for prepating a pharmaceutical composition for oral administration in the form of granules, tablets or capsules comprising mixing cytidin diphosphocholine (CDP-choline) or a salt thereof with a phospholipid; wherein the weight ratio of CDP-choline, or a salt thereof, and phospholipids varies between 1/20 and 1/0.5.

Compl. specn 17 pages.

Drg. 5 sheets.

CLASS : 32-F1; 55-D0

156106

Int. Cl. A 01 n 9/00; C 07 c 145/00, 149/00; C 07 d 5/00

PROCESS FOR THE PREPARATION OF AMINOSULFENYL CHLORIDE DIRIVATIVES.

Applicant: OTSUKA CHFMICAL CO., LTD., OF No. 10, BUNGOMACHI, HIGASHI-KU, OSAKA-SHI, OSAKA, JAPAN.

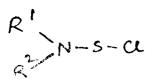
Inventors: 1. NOBUYOSHI ASAI, 2. TAKASHI SOEDA, 3. AKIRA TANAKA, 4. TAKESHI GOTO.

Application No. 354/Cal/82 filed March 30, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims

A process for preparing an aminosulfenyl chloride derivative represented by the formula (I) shown in Fig. of the accompanying drawings,



Formula I

wherein R¹ and R², which may be the same or different, each represents (1) -X-COOR³, in which X represents an alkylene group having 1 to 6 carbon atoms, and R³ represents an alkyl group having 1 to 8 carbon atoms or a cycloalkyl group having 3 to 6 carbon atoms; or (2) -Y-CN, in which Y represents an alkylene group having 1 to 6 carbon atoms; and R² further represents an alkyl group having 1 to 8 carbon atoms; a cycloalkyl group having 3 to 6 carbon atoms; a benxyl group which may be substituted with a

halogen atom, an alkyl group having 1 to 3 carbon atoms or an alkozy group having 1 to 3 carbon atoms; a phenyl group which may be substituted with a halogen atom, an alkyl group having 1 to 3 carbon atoms or an alkozy group having 1 to 3 carbon; atoms; or -Z-R4, in which Z represents a carbonyl group or a sulfonyl group, and R4 represents an alkyl group having 1 to 6 carbon atoms, a phenyl group which may be substituted with an alkyl group having 1 to 3 carbon atoms or a halogen atom, an alkozy group having 1 to 3 carbon atoms or a phenoxy group, which comprises reacting at amine compound represented by the formula (IV) shown in Fig. 4 of the drawngs,



Tormula IV

wherein R1 and R2 are the same as defined above, with sulfur monochloride to form a bisaminodisulfide derivative represented by the formula (V) shown in Fig. 6 of the drawings,

Formula N

wherein R¹ and R² are the same as defined above, and chlorinating the bisaminodisulfide derivative of the formula (V) shown in Fig. 6 of the drawings with a known chlorinating agent.

Compl. specn. 42 pages.

Drg. 6 sheets.

CLASS: 35-B

156107

Int. Cl. : C 04 b 7/00.

PROCESS FOR PRODUCING CEMENT CLINKER.

Applicant TASHKENTSKY-NAUCHNO-ISSLEDOVA-TFLSKY I PROEKTNY INSTITUT STROTTELNYKH MATERIALOV "NIISTROMPROEKT", ULITSA PUSH-KINA, 66, TASHKENT. U.S.S.R.

Inventors: 1. BORIS IZRAILOVICH NUDELMAN, 2. MIKHAIL GAVRII OVICH CHEPKALENKO, 3. ALEVTINA ANATOLIEVNA CASANOBA, 4. GUZAL ABDULKHEVNA GALIMOVA. 5. ROZA KHALICHKIS, 6. RABKHAT ENVEROVICH URAEV, 7. TURGUN KHASANOVICH TASPULATOV, 8. ERKIN MANANOVICH BITAEV, 9. FEDOR YAKOVLEVICH ADAM, 10. ARNOLD ARNOLDOVICH KEVVAI, 11. RASHIDA GAFIEVNA RODYAGINA, 12. SUNNAT IBRAGIMOVICH IBRAGIMOV. 13. ALEXANDR PAVLOVICH FEDOROV.

Application No. 486/Cal/82 filed April 30, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for producing cement clinker, comprising dry grinding raw components, mixing the resultant raw meal with a solid fuel, pelletizing the resultant batch with the addition of calcium chloride thereto, heat treatment of the resultant raw mix pellets in a dense layer in zones of drying, reasting by burning a fuel over the surface of said layer with thawing fuel combustion products therethrough and removal of exhaust gases released therefrom, wherein temperature of fuel combustion products over the surface of

the roasting zone of 1150° to 1250°C within a portion of the roasting zone extending over a length of maximum one half of the roasting zone length, with subsequent lowering of this temperature to 900–1000°C in the direction toward the cooling zone, and cooling the resultant cement clinker.

Compl. specn. 44 pages.

Drg. Nil.

CLASS: 88-F

156108

Int. Cl.: F 25 i 3/08.

PROCESS FOR THE REMOVAL OF H_2S AND CO_2 FROM GASEOUS STREAMS OPTIONALLY COMPRISING HYDROCARBONS.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., OF CAREL VAN BYLANDT-LAANN 30, THE HAUGE, THE NETHERLANDS.

Inventor: ZAIDA DIAZ.

Application No. 494/Cal/82 filed May 3, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A processing for theremoval of H_2S and CO_2 from a gaseous stream containing H_0S and CO_2 , which process comprises the following steps:—

- (a) contacting the gaseous stream with a CO₂-selective absorbent mixture comprising diethylene glycol monethyl ether and the Fe (III) chelate of nitrilotriacetic acid in an amount sufficient to convert all or substantially all of the H₂S in the gaseous stream, and
- (b) separating a sweet gaseous stream free or substantially free from H₂S and CO₂ from an absorbent admixture containing absorbed CO₂, solid sulphur and Fe(II) chelate of nitrilotriacetic acid,

after which the Fe(II) chelate of nitrilotriacetic acid separated in step (b) is contacted with an oxygen-containing gas, producing a CO_2 -selective absorbent mixture containing regenerated Fe(III) chelate of nitrilotriacetic acid and a spent regeneration off-gas containing CO_2 .

Compl. specn. 15 pages.

Drg. 1 sheet.

CLASS: 28-B; 85-J

156109

Int. Cl.: F 23-b 7/04; F 27 b 11/24.

IMPROVEMENTS TO HOT-BLAST NOZZLES, PARTICULARLY FOR BIAST FURNACE.

Applicant & Inventor: FRANCOIS TOUZE, OF CHATEAU DE LOGNE, 57310, GUENANGE, FRANCE.

Application No. 512/Cal/82 filed May 6, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A hot-blastno zzle, particularly for a blast furnace, com-

- an outer hollow tubular enclosure defined by two cylindrical or truncated cone shaped walls extending between a front part (snout) and a rear part and through which flows a current of cooling liquid,
- an inner hollow tubular chamber substantially coaxial with the outer enclosure and disposed at a radial distance from the lateral walls thereof, said inner chamber extending from said rear part of the outer enclosure to the immediate vicinity of the snout; and
- liquid supply means for connecting said inner enclosure to a cooling liquid supply network and means for discharging the liquid connected to the outer enclosure.

characterized in that it further comprises at least one orifice opening tangentially into the front end of the inner chamber or in the vicinity of this end, so as to communicate to the cooling liquid a tangential component and in that the outer enclosure has inwardly no obstacle likely to oppose the movement of the cooling liquid, whereby the cooling liquid is projected against the inner face of the snout of the enclosure and then set in free helical rotational motion with in the outer enclosure between the snout and the discharge means.

Compl. specn. 8 pages.

Drg. 1 sheet.

CLASS: 48-C

156110

Int. Cl.: H 01 b 17/42.

IMPROVEMENT IN OR RELATING TO A SF GAS INSULATING FLECTRICAL CIRCUIT BREAKER.

Applicant: HITACHI LTD., OF 5-1, MARUNOUCHI, 1-CHOME CHIYODA-KU TOKYO, JAPAN.

Inventors . I. MOTOC YAMAGUCHI, 2. ISAMU SONE, 3. KUNIO HIRASAWA, 4. YOSHIO YOSHIOKA, 5. AKIO NISHIKAWA, 6. HIROSHI SUZUKI, 7. MIKIO SATO, 8. MASAO MOSOKAWA.

Application No. 623/Cal/82 filed May 31, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

In a SF_6 gas insulating electrical circuit breaker having a metallic case tilled with a SF_6 gas insulator and installed therein:

- (a) a pair of fixed contact and moving contact, which contacts can be opened or closed along the axis direction,
- (b) an apparatus for compressing the SF₆ gas insulator and operating in relation to opening and closing of said two cortacts, and
- (c) an arc-extinguishing nozzle made from a resin and separating an oriffice portion from the fixed arcing contact at the time of opening so as to lead the SF₆ gas insulator from said compressing apparatus mentioned above through the orifice portion to the fixed contact side,

the improvement being that at least the surface portion of the an extinguishing pozzle is made from a nit over containing polymer in an amount of 0.01 to 10 parts by weight and a polyolefin resin in an amount of 0.1 to 10 parts by weight and optionally containing on inorganic filter powder in or amount of 0.1 to 20 part by weight and an organic pigment in on amount of 0.1 to 10 parts

Compl. specn. 18 pages.

Int. C1: F 04 f 1/04.

Drg. 4 sheets.

156111

CLASS: 190-A

POWER MACHINE OPERATING BY MEANS OF TEMPERATURE DIFFERENCE.

Applicant: WREDE KY, OF POSTBOX 42, 02701 KAUNIAINEN/FINLAND.

Inventors: 1. ESKO HUHTA-KOIVISTO, 2. ILKKA TOIVIO.

Application No. 1404/Cal/82 filed December 3, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A power machine operating by means of temperature differences and comprising an evaporator, a motor to which a working machine is connected, a condenser, and a condensate pump, which are connected to each other in said sequence to form a closed circuit for a working medium flowing from one device to another, said motor comprising

a valve, a slide movable within said valve, a cylinder arranged in connection with said valve, a piston movable within said cylinder and provided with a piston rod, and an extension rod coaxial with said piston rod and connected to said slide and said piston rod, whereby said extension rod extends into a central bore in said piston rod and is surrounded by a helical spring located between spaced stops in said extension and piston rods, the spring making the connection between said extension rod of said slide and said piston rod resilient in the lingitudinal direction of said rods, and said valve is provided with a spring-loaded locking means cooperating with said slide and permitting the displacement of said slide from one extreme position to another only when the compressive force between said extension rod and said piston rod exceeds a predetermined limit value defined by the spring of the locking means.

Compl. specn. 12 pages.

Drg. 2 sheets.

CLASS: 83-A2

156112

Int. Cl.: A 23 c 15/00, 17/00.

AN IMPROVED PROCESS AND APPARATUS FOR SEPARATING BUTTER GRAINS AND BUTTER MILK FROM A MIXTURE THEREOF.

Applicant: WEB KOMBINAT FORTCHRITT, LAND-MASCHINEN, NEUSTADT IN SACHSEN, 8355 NEUSTADT IN SACHSEN, PERGHAUSSTRASS 1, GERMAN DEMOCRATIC REPUBLIC.

Inventors: 1. PETER KRUGER. 2. HANS-HEINRICH SCHMIDT.

Application No. 1441/Cal/82 filed December 14, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An improved process for separating butter grains and buttermilk from a mixture thereof formed by beating cream, the process comprising the steps of feeding the mixture to a pressure system, forcibly separating the butter grains and buttermilk in the pressure system with simultaneous conversion of the butter grains into at least one of a compacted state and, a quasi-homogeneous state, and feeding the separated phase for further processing by kneading means.

Compl. specn. 12 pages.

Drg. 2 sheets.

CLASS - 61-A

156113

Int. Cl · F 26 b 3/00.

PROCESS FOR CONTINUOUSLY DRYING AND UPGRADING OF ORGANIC SOLID MATERIALS SUCH AS, FOR EXAMPLE. BROWN COALS.

Applicant: VOEST-ALPINE AKTIENGESELLSCHAFT, OF A-1011 VIFNNA FRIEDRICHSTRASSE 4, AUSTRIA.

Inventor: ALOIS JANUSCH.

Application No. 40/Cal/83 filed January 11, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Process for producing upgraded organic solid materials such as brown coals by continuously drying and upgrading raw organic solid materials such as brown coals which comprises (i) contacting said solid materials, after pre heating the same, with saturated steam under a pressure of 5 to 45 bar, and at a temperature of 150 to 260°C under continuous temoval of the expelled and condensating water and of the CO₂ formed, (ii) whereupon optionally a drying step by means of superheated steam and/or a pressure release step is effected, (iii) subjecting said solid material to an upgrading treatment characterized in that the solid materials

from step (i) or (ii) are immediately and continuously subjected to upgrading treatment with their intrinsic heat from the drying stage.

Compl. specn 15 pages.

Drg. 2 sheets.

CLASS: 42-C

156114

Int. Cl.: A 24 c 5/00.

CIGARETTE FILTER

Applicant · BROWN & WILLIAMSON TOBACCO CORPORATION. 1600 WEST HILL STREET, LOUISVILLE, KENTUCKY, U.S.A.

Inventor · 1. ROBERT ALOIS SANFORD. 2. ANDRAIO MEMURTRIE.

Application No 106/Cal/83 filed January 28, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A filter for a cigarette comprising:

a potous filter rod of generally cylindrical configura-

an air impermeable wrapper extending longitudinally along said filter rod from one end thereof to the other end and circumscribing said rod leaving flow-through opposed ends of said filter rod;

said wrapper being formed with at least one groove embedded into said filter rod, said at least one groove being open at one end of said filter rod and extending therefrom in a generally longitudinally direction of said filter rod for a distance less than the length of said filter rod;

air permeable means formed through the wall of said at least one groove defined by the embedded portions of said wrapper, the rest of the peripheral of said wrapper outside of said at least one groove being air impermeable; and

tipping material extending longitudinally and circumscribing said wrapped filter rod, said tripping material being air permeable in a zone thereof overlaying said at least one groove

Compl. specn. 25 pages.

Drg. 6 sheets.

CLASS: 32-Fad; 55-E4

156115

Int. Cl : C 07 c 49/00.

METHOD FOR THE PREPARATION OF 1, 8-DIHY-DROXY-10-ACYL-9-ANTHRONES, ESPECIALLY FOR USE IN THE TREATMENT OF PSORIASIS.

Applicant: ORION-YHTYMA OY, OF NILSIANKATU 10 SF-00510 HFLSINKI 51, FINLAND.

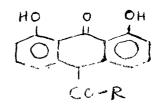
Inventors: 1. PEKKA JUHANI KAIRISALO, 2. AINO KYLLIKKI PIPPURI, 3 ERKKI JUHANI HONKANEN.

Application No. 209/Cal/84 filed March 29, 1984.

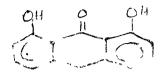
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method for the preparation of 1 8-dihydroxy-10-acyl-9-anthrone, expecially fin use in the treatment of psoriasis, having the formula as shown in the accompanying drawing,



where R is an alkyl group having 2-4 carbnatoms, by using in the finitial material 1, 8-dihydroxy-9-anthrone having the formula 2 as shown in the accompanying drawing,



and an acid chloride having the formula RCI, where R represents the same as above, characterised in that 2, 6-dimethyl pyridine is used in the reaction mixture.

Compl. specn 6 pages.

Drg. 1 sheet.

CLASS.: 24 E

156116

Int. Cl.: F 16 d 65/38.

AN INTERNAL BRAKF SHOE DRUM ASSEMBLY FOR AUTOMOBILES.

Applicant: AUTOMOTIVE PRODUCTS LIMITED, A BRITISH COMPANY OF TACHBROOK ROAD, LEAMINGTON SPA, WARWICKSHIRE, CV31 3ER, ENGLAND.

Inventors · JOHN PIUS BURKE & ALASTAIR JOHN YOUNG.

Application for Patent No. 565/Del/80 filed on 4th August, 1980.

Convention date 31st August; 1979/(7930314)/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An internal brake shoe drum assembly for automobiles including a strut between one brake shoe and a handbrake lever rivoted to the other brake shoe, and a wear adjuster comprising a pair of screw-threaded members with pawl and ratchet wheel means for relative rotation thereof to increase the effective length of said strut on operation of the service brake only, characterised thereby that the wear adjuster is arranged transversely to the strut adjacent one of the shoes. one of the screw-threaded members having a spacer effective between said one shoe and said strut and relative rotation of the screw-threaded members advancing said spacer to change the brake released position of the brake shoes.

Compl. specn. 15 pages.

Drg. 4 sheets.

CLASS: 175 H. 107 G, 129G

156117

Int. Cl.: F 16 j 9/00, B 23 p 15/06.

PISTON RINGS, AND METHOD AND APPARATUS FOR THEIR MANUFACTURE.

Applicant: ASSOCIATED ENGINEERING ITALY S.p.A., AN ITALIAN COMPANY, OF STRADA VALDELLATORRE, 10091 ALPIGNANO, TURIN, ITALY.

Inventor: LODOVICO RAGGI.

Application for Patent No. 251/Del/81 filed on 22nd April, 1981

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A method of manufacture of a piston ring, including the steps of making a ring blank of which the diameter over the outer periphery is greater than that required in the finished ring and the diameter within the inner periphery is less than that required in the finished ring, drilling two holes

in the ring blank, extending two substantially parallel pins set at a predetermined spacing from retracted positions, in which the pins are aligned with the axes of respective drilled holes and in which the pins are out of engagement with the ring blank, to extended positions in which the pins engage in the drilled holes to locate the ring blank in a condition in which the ring is unstressed by external forces, cutting a gap in the ring blank either before or after the drilling step to afford two free ends, the positions of the holes being such that each hole is adjacent an associated free end, moving the ends of the ring blank together and holding the ring blank in a closed position by reducing the spacing of the pins, clamping one or more of said ring blanks in a closed position and then machining the inner and outer peripheries of the or each ring blank to be circular.

Compl. specn. 18 pages.

Drg. 7 sheets.

CLASS: 175H, 107G, 129G

156118

Int Cl.: F16j 9/00, B23p 15/06.

PISTON RINGS. AND METHOD AND APPARATUS FOR THEIR MANUFACTURE.

Applicant: ASSOCIATED ENGINEERING ITALY SpA., OF STRADA VALDELLATORRE, 10091 ALPIGNANO, TURIN, ITALY, AN ITALIAN COMPANY.

Inventor: I ODOVICO RAGGI.

Application for Patent No. 252/Del/81 filed on 22nd April, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

17 Claims

A method of manufacture of a piston ring, including the steps of making a ring blank of which the diameter over the outer periphery is greater than, and the diameter within the inner periphery is less than that required in the finished ring, cutting a gap in the ring blank to afford two free ends, holding the ring blank in a closed position by the application of a force only to each of the free ends of ring blank, clamping one or more of said ring blanks in a closed position, and then machining the inner and outer peripheries of said one or more ring blanks to be circular.

Compl. specn. 31 pages.

Drg. 12 sheets.

CLASS: 25-B; 35-G; 90-A, F&I.

156119

Int. Cl.: C 03 b 37/00, 37/02; C 03 c 13/00; C 04 b 35/00, 35/72.

CEMENTITIOUS PRODUCTS REINFORCED WITH ALKALI RESISTANT GLASS FIBERS.

Applicant: PILKINGTON BROTHERS LIMITED, OF PRESCOT ROAD, TT. HELENS, MERSEYSIDE WAIO 3TT, ENGLAND.

Inventors: 1. KENNETH MELVIN FYLES, 2 PETER SHORROCK.

Application No. 215Cal/81 filed February 27, 1981.

Convention dated 27th February, 1980 (8006653) U.K.

Appropriate office for oposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Cementitious products, whose principal constituent is cement, reinforced in the manner as herein described, with

alkali-resistant glass fibres formed from a composition comprising, in weight percentages:

SiO ₂	55	to	75%
R ₂ O	11	to	23%
ZrO ₂	6	to	22%
Cr ₂ O ₃	0.1	to	1%
Al ₂ O ₃	0.1	to	7%
Rare earth oxides	0 5	to	16%
TiO ₂			

where R_2O is any one or more of Na_2O , K_2O or Li_2O , the content of TiO_2 in the glass fibre does not exceed 10%, and the total of the components recited above amounts to at least 88% by weight of the glass fibre, the glass having been melted under non-oxidising conditions such that all or a substantial proportion of the chromium in the glass fibre is in the trivalent state.

Compl. specu. 47 pages.

Drg. 4 sheets.

CLASS: $32-F_2(a)$: $55-D_2$: $60-X_1$

156120

Int, Cl : C 07 f 9/40.

PROCESS FOR PREPARING ALKYL N-ARYLSULFE-NYL - N-DIARYLOXY - PHOSPHINYLMENTHYLGLYCI-NATES.

Applicant: MONSANTO COMPANY, 800 NORTH LINDBFRGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

Inventors : 1. GERARD ANTHONY DUTRA, 2. JAMES ALAN SIKORSKI.

Application No. 1445/Cal/81 filed December, 23, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process for preparing a compound of the formula

$$\begin{array}{cccc} \mathbf{O} & \mathbf{SR_1} & \mathbf{O} \\ \mathbf{II} & | & \mathbf{II} \\ (\mathbf{RO})_2 - \mathbf{P} - \mathbf{CH_1} - \mathbf{N} - \mathbf{CH_2} \mathbf{C} & - \mathbf{OR_2} \end{array}$$

wherein R is phenyl. naphthyl, biphenylyl, benzyl or naphthyl, biphenylyl, benzyl or phenyl substituted with from one to three substituents independently selected from the group consisting of hydrogen, lower alkyl, lower alkoxy, lower lkylthio, trifluoromethyl alkoxycarbonyl, methylenedioxy, cyano, nitro and halogen; R₁ is phenyl, naphthyl or phenyl substituted with from one to three substituents independently selected from the group consisting of hydrogen, lower alkyl, lower alkoxy, halogen, trifluoromethyl and nitro; and R₂ is selected from the group consisting of lower alkyl and lower arakyl, which comprises reacting a compound of the formula where R and R₂ are as defined above in an aprotic solvent with a compound of the formula

wherein R and R_2 are as defined above in an aprotic solvent with a compound of the formula

wherein R₁ is as defined above in the presence of a hydrogen chloride acceptor.

Compl. specn. 35 pages.

Drg. 1 sheet.

CLASS: 131-B4, 129-C

156121

Int. Cl. E 21 c 13/00.

DRILL ROD FOR A PERCUSSION ROCK DRILLING ASSMEBLY.

Applicant . SANTRADE LIMITED OF P.O. BOX 321, CH 6002 LUZERN, SWITZERLAND.

Inventor: LARS ERIK LARSSON.

Application No. 188/Cal/82 filed February 18, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A drill rod for use in a percussion rock drilling assembly of the type comprising a drill bit having a first conical surface arapted to be connected to said drill rod, said drill rod having a corresponding second conical surface on an end portion thereof, characterised in that the said end portion is provided with a helically extending left-hand thread or groove.

Compl. specn. 9 pages.

Drg. 1 sheet.

CLASS : $32-F_1 + 32-F_2 b$

+ 55-E₂,

156122

Int, Cl. : A 61 k 23,00; C 07 d 37/00.

A PROCESS FOR PREPARING NEW AMINOACRI-DINGE-α- AND/OR β-(D)-N-GLYCOSIDE-AND/OR AMINOACRI-DINF-α-AND/OR β-(L)-N-GLYCOSIDE AND/OR O-ACFTYL DERIVATIVES AND THEIR SALTS.

Applicant: BIOGAL GYOGYSZERGYAR, OF DEBRECEN, PALLAGI UT 13, HUNGARY.

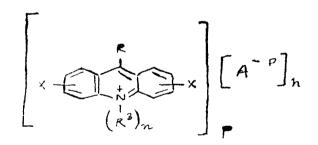
Inventors: 1. ANTAL KOVACS, 2. ANDRAS LIPTAK, 3. PAL NANASI, 4. LORANT JANOSSYA 5. ISTVAN CSERNUS, 6. JANOS ERDEI, 7. ISTVAN KASZAB, 8. KALMAN POLYA, 9. ANDRAS NESZMELYI.

Application No. 219/Cal/82 filed February 25, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for preparing new aminoacridine—and/or—-(D)- and/or - (I)-N-glycoside or their O-acetyl derivatives and their salts, of the general formula I of the accompanying drawings, wherein



n is 0 or 1, p is 0, 1, 2 or 3, A is an anion preferably a halogenide anion,

R is hydrogen, a dimethyl amino group, or a group of the general formula II

wherein

R1 is hydrogen or a methyl group and

R² is hydrogen or a sugar residue as hereinbefore. described or its O-acetyl derivatices, and the two substituents.

- and the contraction with the contraction of the c

 \dot{X} are identical or different and stand for hydrogen, dimethyl amino group, a group of the general formula Π and halogen a C_1 alkyl group group, a $C_{1^{-4}}$ alkoxy group, a nitro-, evano-, carbomethoxy-, carbamoyl-, phenyl- or a $C_{1^{-4}}$ alkylphenyl group

with the restriction that at least one of the substituents R, X and X represents a group of the formula H with $R^2 \equiv sugar$ residue, and

 R^3 is hydrogen or a C -alkyl group, and the salts of these compounds, characterized in that a compound of the general formula $\Pi\Pi$

$$\begin{bmatrix} \gamma & \vdots & \vdots & \ddots & \vdots \\ \gamma & \vdots & \vdots & \ddots & \vdots \\ (R^{a})_{n} & \vdots & \ddots & \vdots \\ p & \vdots & \vdots & \ddots & \vdots \\ p & \vdots & \vdots & \ddots & \vdots \\ p & \vdots & \vdots & \ddots & \vdots \\ p & \vdots & \vdots &$$

wherein

n. P. A and R8 are as defined above

7 is an amino-, methylamino- or dimethylamino group or hydrogen, and

the two substituents

Y are identical or different and stand for hydrogen, an imino-, methylamino- or dimethylamino group, or halogen, a C₁₋₁ alkyl - or alkoxy group, a nitro-, cyano-, carbomethoxy-, carbamoyl- phenyl- or C₁₋₄ alkyl - phenyl- group with the restriction that at least one of the substituents Z, Y and Y represents a free or monosubstituted amino group, or the acid addition salts thereof is reacted with a sugar or its O acetyl derivative in vater containing polar colvent (3), said sugar or its O-acetyl derivative being selected depending upon the sugar residue or its O-acetyl derivative to be present in the product of formula I, and obtaining the product of formula I optionally converting the product of formula I to its acid addition salt or quaternary ammonium salt

Compl specn. 32 pages.

Drg. 3 sheets

CLASS · 195-F

156123

Int Cl B 60 c 29/00; F 16 k 15/20.

AIR VALVES FOR TUBES OR TYRES.

Applicant ALLIGATOR VENTILFABRIK GMBH. FO POSTFACH 1120, 7928 GIENGEN/BRENZ, WFST GFRMANY

Inventor #OSEF IUTZ

Application No. 356/Cal/82 filed March 30, 1982.

Appropriate office for opposit on proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

15 Claims

A pnoumatic tyre valve with a tube-shaped valve shaft of the a fixing base (f), characterized by, that the valve

shaft consists of at least two parts, of which the one, the bottom part (3), carries the fixing base (6) and at the end away from it a fastening thread (9) for the other, the screw-or part (12), the latter possessing the valve seat and or accommodature a valve inset (18, 19)

Compl specn 14 pages.

Drg 2 sheets

CIASS · 48-D2

156124

Int Cl · F C2 d 11/00.

DEVICE FOR LAYING UNDERGROUND OR DIGGING UP SUBSEA CONDUITS.

Applicant · SNAMPROGETTI S.p A., OF CORSO VENF-ZIA 16 MILAN, ITALY

Inventor 1 AI FRLDO BERTI, 2 ATTILIO ILARI Application No. 499/Cal/82 filed May 4, 1982.

Appropriate office for opposition proceedings (Rule 4, P. ten's Pules, 1972) Patent Office, Calcutta

13 Claims

A device for laving underground digging up subsea conduits, which is ten etely controllable, self-prorelling, hioyant subsea tench-digging and back filling, adapted to lay subsea conduits and to dig them up for recovery CHARACTERIZ-FD in that is comprises, in combination,

- n couple of sea-bottom-material disaggregating and scooping assemblies placed on opposite sides of a conduit (20) to be entrenched or to be dug up, each assembly consisting of:
- a vertical pipe length (2a), the upper section of which opens contially within a hydraulic Venturi-chamber (1, 2, 3) terminated by a discharge tube (7), whereas the lower section of said pipe length (2a) opens laterally of said conduit and at a certain vertical distance therefrom, the end of said lower section being truncated towards the direction of advance of said machine;
- semilir ular array of anadiscernating ladraulic nertles (5) mounted at a negative under neative to an annular manifold (50) situating manifold along the external surface of said lower pipe-length section rejecting downward from said hydraulic Venturickamber said nozzles pointing generally in the direction of advance of said machine;

means for feeding with pressurized water said hydraulic Venturi chamber;

means for feeding with pressurized water said annular manifold, and

miding means (19) relying idly over the top portion of the peripheral surface of the conduit (20) to be entrenched or dug up and symmetrically nositioned relative to the two disaggregating and sccoping assemblies of said couple

Compl speen, 17 pages

Drg 4 sheets.

CLASS 39-C

156125

Int Cl C 01 b 2/30

IMPROVEMENTS IN OR RELATING TO A PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS SUITABLE FOR AMMONIA MANUFACTURE FROM FEFDSTOCKS RANGING FROM NATURAL GAS TO LIGHT PETROLFUM DISTII LATES.

Applicant PROJECTS & DEVELOPMENT INDIA LIMITED PO SINDRI DIST DHANBAD, BIHAR, INDIA (PIN CODE 828122)

Inventors 1 KAMALESH KARKUN, 2 SATYA PANIAN GHOSAL.

inclication No. 1473/Cal/82 filed December 21, 1982

Complete Specification left on dated 21st December, 1983

Amountaine office for opposition proceedings (Rule 4, Petents Rules, 1972) Patent Office, Calcutta,

6 Claims

A process for the production of ammonia synthesis gas from feedstock hydrocarbon ranging from natural gas. light petroleum distillates which comprises subjecting the hydrocarbon to a step of double reformation at elevated pressure and temperature; the conversion in the two reformation stages i.e. primary reformation and secondary reforma-tion being carried out in the presence of conventional reformation catalyst characterized in that:

(i) the primary reformation is carried out at, pressure of the order of 45 kg/cm² to

50 kg/cm²;

- (ii) the secondary reformation is carried out in presence of air having 22 to 30% oxygen by volume;
- (iii) the primary reformation is carried out at temperatures of the order of 715° to 740°C and wherein;
- (iv) the conventional steam turbine drive for air compressor in the process is replaced by gas

Compl. specn. 19 pages.

Drg. 1 sheet.

CLASS: 85 I, 28F

156126

Int. Cl.: F23 d 5/06.

FILM BURNER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH. RAFI MARG. NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: PREM NATH BHAMBI, HARISH KUMAR MADAN, KULDEFP NARAIN DOBHAL AND VALENTIN I EONIDOVICH GUDZJUK.

Application for Patent No. 177/Del/81 filed on 30th March, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

An air/steam atomising liquid fuel burner comprising an inner primary ripe surrounded coaxially by a fuel pipe with fuel metering nozzle at the outlet end, an outer primary air pipe surrounding coaxially the fuel pipe, having primary air impinging cones at its outlet ends, a secondary air pipe, having an impinging cone at its outlet ends, surrounding coaxially the outer primary air pipe, the portion of the inner pipe protruding beyond the fuel metering nozzle at the outlet end.

Compl. specn. 9 pages

Drg. 4 sheets

CLASS: 126A

156127

Int. Cl.: G 01 k 7/28.

AN INSTRUMENT FOR DETERMINING THE TEMPERATURE OF A TRANSFORMER WINDING.

ACCURATE CONTROLS LIMITFD, HEATH WORKS, FORDBRIDGE ROAD, SUNBURY ON THAMES, MIDDLESEX TW16 6AS, ENGLAND, A BRITISH COMPANY.

Inventor: KFNNETH ERIC REID.

Application for Patent No. 182/Del/81 filed on 31st March, 1981.

Convention date 31st March, 1980/8010716 (G.B.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch. New Delhi-110005.

11 Claims

An instrument for determining the temperature of a transformer winding comprising a first temperature sensitive

device adapted to sense the temperature of the cooling oil of said transformer and to provide an electrical signal indicative thereof and electrical network connected to said first temperature sensitive device, said network comprising a second temperature sensitive device incorporating a heater second temperature sensitive device incorporating a neater coupled to a current transformer which provides said heater with a current indicative of the load current of said transformer whereby said heater is enabled to simulate the temperature of the hottest point of said transformer and a third temperature sensitive device connected to said second temperature sensitive device to reduce the output of said temperature sensitive device to reduce the output of said second temperature sensitive device by an amount corresponding to changes in ambient temperature.

Compl. specii. 11 pages.

Drg. 2 sheets.

CLASS: 55F

156128

Int. Cl.: C 12 d 13/00.

METHOD FOR PRODUCING A POLYPEPTIDE OF THE IFN-\$ TYPE

Applicant BIOGEN N.V., OF 15 PIETERMAAI. WILLEMSTAD, CURACAO, NETHERLAND ANTILLES, MANUFACTURERS, A COMPANY ORGANIZED UNDER THE LAWS OF NETHERLAND ANTILLES.

Inventor: WALTER CHARLES FIERS.

Application for Patent No. 188/Del/81 filed on 1st April. 1981.

Convention date 3rd April, 1980/80 11306 (U.K.).

6th June, 1980/80 18701 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A method for producing a polypeptide of the IFN-β type characterized by the steps of culturing by any known method a host transformed with a recombinant DNA molecule of the kind such as herein described characterized by a DNA sequence selected from the group consisting of:

- (a) DNA sequences which code on expression for a polypeptide of the IFN-β type and which hybridize to any of the DNA inserts of G-p BR322 (Pst)/HFIF1, G-pBR322 (Pst)/HFIF3, G-pBR322 (Pst)/HFIF6, G-pBR322 (Pst)/HFIF7, and
- (b) DNA sequences which code on expression for a polypeptide of the IFN-β type coded on expression by any of the foregoing DNA sequences, said DNA sequence being operatively linked to an expression control sequence in said recombinant DNA mole-cule; and collecting in a known manner said poly-pepide.

Compl. specn 101 pages.

Drg. 6 sheets.

CLASS: 99H

156129

Int. Ci.: B 65 b 3/00.

RESILIENT CONTAINER FOR PACKAGING OF PRODUCTS AND METHOD OF MANUFACTURING THE SAME.

Applicant: S.E.A.B., s.a., OF 62-64 RUF PASIFU?, 94800 VILLUJUIF, FRANCI, A FRENCH COMPANY.

Inventor: ROLAND DE LA POYPE.

Application for Patent No 224//Del/81 filed on 14th April, 1981.

Appropriate office for opposition proceedings (Rule 4, P. tents Rules, 1972) Patent Office Branch, New Delhi-110005,

5 Claims

A resilient container for packaging products, particularly liquid, powdery or granular products, of the type constituted by a tubular container 1 of the "Goatskin bag" type, a thermoplastic material of the kind such as herein described closed at each and by a sealing weld 2 and provided with a holding member, characterised in that said holding member consists of a tongue 3 of thermoplastic material of the same type as that of said tubular container and assembled to the walls of said container by and along with one of said sealing welds.

Compl. specn. 6 pages.

Drg. 1 sheet.

CLASS: $32F_2(a)$

156130

Int. Cl.: C 07 c 143/30, 79/00.

PROCESS FOR THE PREPARATION OF NITRONAPHTHALENE-SULPHONIC ACIDS.

Applicant: BAYER AKTIENGESELLSCHAFT, A BODY CORPORATE ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY OF 5090 LEVERKUSEN, BAYERWERK, FEDERAL REPUBLIC OF GERMANY, MANUFACTURERS.

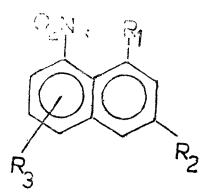
Inventors: HORST BEHRE, HEINZ ULTICH BLANK, GERHARD BURMEISTER & OTTO LINDNER.

Application for Patent No. 238/Del/81 tiled on 21st April, 1981.

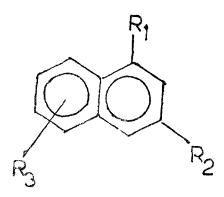
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A process for the preparation of nitronaphthalenesulphonic acids of the general formula I



in which R_3 is in the 5-position or 6-position, R_1 and R_3 independently of one another represent a SO_3H group or No_2 group and R_2 represents a hydrogen atom or a SO_3H group or No_2 -action, with the proviso that at least one of the substituents R_1 , R_2 or R_3 is a SO_3H group, which comprises reacting the corresponding naphthalene-sulphonic acids of the general formula II



wherein R_1 , R_2 and R_3 have the above-define meaning with nitric acid, charalterised in that the reaction of the naphthalene-sulphonic acid with nitric acid is interrupted in any known manner before the nitration reaction has ended, the nitration mixture is treated with bases at a pH value of 5 to 14, and the compound of general formula I is separated by any known method from the nitration mixture.

Complete specn. 39 pages.

Drg. 1 sheet.

CLASS: $32F_2(c)$

156131

Int. Cl.: C 07 c 29/00.

PROCESS FOR THE PRODUCTION OF ALCOHOL FROM CELLULOSIC MATERIAL.

Applicant: BIOMASS INTERNATIONAL, INC., A CORPORATION OF THE COMMONWEALTH OF DELAWARE, HAVING A PRINCIPAL PLACE OF BUSINESS AT 2743 MIDLAND DRIVE (REAR), OGDEN, UTAH 84402, UNITED STATES OF AMERICA.

Inventor: ALAN M. NEVES.

Application for Patent No. 250/Del/81 filed on 22nd April, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

16 Claims

A process for the production of alcohol from cellulosic material; comprising the steps of: obtaining a feed stock of the kind such as herein descrbed, at least a portion of which is a cellulosic material; pressurizing the feedstock with steam to a first pressure within the range of 250 psi to 1500 psi at a temperature within the range of 400°F to 600°F for a period of three to thirty minutes; disrupting the internal structure of at least a portion of the cellulosic material by subjecting said cellulosic material to a substantially reduced second pressure, said disrupted cellulosic material being substantially delignified so as to be readily hydrolyzable into fermentable sugars; hydrolyzing by any known method the disrupted cellulosic material into fermentable sugars; fermenting by any known method the fermentable sugars to produce alcohol; and concentrating the alcohol by passing the alcohol through a distillation column.

Compl. specn. 54 pages.

Drg. 2 sheets.

CLASS: 63 I

156132

Int. Cl.: H 02 k 7/02.

PROCESS FOR MANUFACTURING A FLYWHEEL MAGNETO AND FLYWHEEL MAGNETO OBTAINED THEREBY.

Applicant: PIAGGIO & C. S. p. A., A COMPANY ORGANIZED UNDER THE LAW OF THE ITALIAN REPUBLIC OF VIA A. CECCHI 6-GENOVA, ITALY.

Inventor CARLO BENEDETTI.

Application for Patent No. 381/Del/81 filed on 15th June, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A process for the manufacture of a flywheel magneto of the radial magnetic flux type which comprises providing a plurality of magnets at predetermined positions within an external ring of ferromagnetic material and in contact with the inner surface of said ring, locating a corresponding number of pole shoes in contact with said magnets, locating an internal ring so that its outer surface is in contact with said pole shoes, subjecting said internal ring to radial pressure which pressure is translated to said pole shoes, magnets and external ring to form a sub-assembly of the external ring, magnets, potle shoes and internal ring in pressurised engagement with one another, casting a non-

magnetic body about said sub-assembly to form said flywheel magneto, and thereafter removing said internal ring by machining.

Compl. specn. 9 pages

Drg. 1 hect.

C'LASS: 32-E + 40-B

156133

Int. Cl.: B 01 j 11/00; C 08 f 3 00, 15/00.

A PROCESS FOR THE POLYMERIZATION OFI- OLE-FINS.

Applicant: NATIONAL DISTILLERS AND CHEMICAL CORPORATION, 99 PARK AVENUE, CITY AND STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor: ANTHONY NICHOLAS SPECA.

Application No. 1317/Cal/81 filed November 24, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for the polymerization of 1-olefins, alone or together with at least one copolymerizable monomer as described bereinbefore, under known polymerization conditions of temperature and pressure with an olefin polymirazation catalyst system characterized in that said catalyst system comprising a mixture of a first co-catalyst, an organom tallic compound, as hereinbefore described and a second co-catalyst, a halide activated intermetallic compound comprising the reaction product of a polymeric transition metal conde alloxide and a reducing metal of higher oxidation potential than the transition metal, wherein the gm. atomic ratio of said first co-catalyst and second co-catalyst being from 3 1 to 25. 1

Compl. specn. 86 pages.

Die Nil.

CLASS: 47-E

156134

Int. Cl : C 10 b 5 04, 21/18.

COKE OVEN BATTERY FOR THE PRODUCTION OF COKE AND GAS.

Applicant: DR. C. OTTO & COMP. GMBH., OF CHRISTSRASSE 9, 4630 BOCHUM, WEST GERMANY. Inventor: HEINZ THUBEAUVILLE.

Application No. 50/Cal/82 filed January 7, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A coke (ven battery for the production of coke and gas with heating flues arranged in vertical rows between the chambers, the flues being connected to regenerators below the chambers, the preheated gaseous combustion-supporting agents being supplied stepwise to the heating flues, characterised in that shafts (28, 29) within rice in the central region of the heating flues (13, 14) and which are formed with exit orifices (26) disposed over their height and which are connected directly to the regenerators (18, 19) are provided to supply the preheated gaseous combustion supporting agents.

Compl. specn. 10 pages.

Drg. 6 sheets.

CLASS: 51-D

156135

Int. Cl.: B 26 b 21/00.

RAZORS AND SHAVING UNITS FOR RAZORS.

Applicant: WILKINSON SWORD LIMITED, OF SWORD HOUSE, TOTTERIDGE ROAD, HIGH WYCOM BE, BUCKINGHAMSHIPE HP 13 6EJ, ENGLAND.

Inventor: MAX ARTHUR LEMBKE.

Application No. 85/Cal/82 filed January 21, 1982.

Convention dated 21st January 1981 (81,01769) U.K.

Appropriate office for opposition preceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for the manufacture of razors or shaving units for razors, which comprises forming a strip of blade metal with at least two cutting edges and introducing the strip into a would cavity characterised by the steps of moulding plastics material directly on to the strip to form the plastics portion of a razor or shaving unit supporting each cutting edge or both cutting edges, the plastics portions being spaced apart, and cropping at least part of the blade metal which interkonnects the cutting edges to release the razors or having units from each other.

Compl. specn. 13 pages.

Drg. 5 sheets.

CLASS: 105-B; 128-G

156136

Int. Cl.: A 61 k 27/00.

A CONTINUOUS OR RYTHMIC FLOW DEVICE FOR PREPARING SUBSTANCES OF DESIRED DILUTION.

Applicant & laventor: ANUPAM BHATTACHARYYA. MAHESH BHAVAN, 74, VIVFKANANDA ROAD, CALCUTTA-700 006, WEST BENGAL, INDIA.

Application No. 145/Cal/82 filed February 5, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Potent Office, Calcutta.

15 Claims

A process for preparing with a dilluent a dillution of a desired level of any starting material, which is in a liquid form comprising the steps of continuously or rythmically feeding the diluent from a storage at a predetermined rate, to a cilluting or energising chamber, injecting the starting material in measured quantity, from a storing chamber, into the diluting or energising chamber, providing the diluting or energising chamber with energy by vibrating, stirring, churning, agitating, shaking, heating, bubling or any other process of energisation for the dilution of the starting material within the diluent, simultaneously feeding back from the out let end of the diluting or energising chamber a part of the diluted starting material into the inlet end for subjecting it to a further dilution till the desired dilution level is obtained and then draining off the final product of the desired level of dilution in a collecting chamber.

Compl. specn. 12 pages.

Drg. 1 sheet

CLASS: 97A & F

156137

Int. Cl.: F 27 d 3/00; H 05 b 7/18.

DEVICE FOR LOADING CHARGE INTO AN ELECTRICAL MELTING FURNACE.

Applies t: INSTITUT METALLURGI IMENI 50-LE-TIASSR AKADEMII NAUK GRUZINSKOI SSR, OF TBILISI, ULITSA PAVLOVA, 15, USSR.

Inventors: 1. GIVI ANDREEVICH DGEBUADZE, 2. BIDZINA PLATONOVICH GOGORISHVILI, 3. GEORGY EVSTAFIEVICH PASURISHVILI.

Application No. 206/Cal/82 filed February 23, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

In an electrical melting furnace having electrodes which extend vertically and are equally spaced along a circle, a cevice for loading charge adapted to remove reaction gases comprises a funnel-shaped member installed on the upper edge of the ea ing of the electrical melting furnace, and an annular member installed inside the funnel-shaped member

coaxially therewith, the annular member having a side wall surrounding said electrodes; the side wall of said annular member defining together with said funnel-shared member a space for the adminission of charge; the side well of said annular member surrounding said electrodes in a spaced relationship therete so as to define concave portions between adjacent electrodes.

Compl. specn. 17 pages.

Drg. 1 sheet.

CLASS: 186-F

156138

Int. Cl.: B 41 j 23/00.

DRIVE CIRCUIT FOR STEP MOTOR EMPLOYING THYRISTORS.

Applicant: PHILIPS LOMMUNIKATIONS INDUSTRIE AG.; OF THURN-UND-TAXIS-STRASSE 10, 8500 NURN-BERG, GERMANY.

Inventors: KLAUS PETER KIRSCHNFR.

Application No. 236/Cal/82 filed March 1, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A drive circuit for a stepping motor whose stator, windings (L1, L2, L3) are each connectible to and dis-connectible from a constant-current source (10) by means of a thyristor (Th1, Th2, Th3) arranged in series with the respective stator winding, characterized in that a diode (D1, D2, D3) is arranged in series with each stator winding (L1, L2, L3) and a capacitor (C1, C2, C3) is arranged in parallel with each series arrangement thus formed, the charge on sail capacitor causing the previously turned-on thyristor to be capacitor causing the previously turned-on thyristor to be turned off when the thyristor associated with said capacitor is turned on.

Compl. specn. 11 pages.

Drg. 1 shert.

CLASS: $14-B + 14-D_2$

156139

Int. Cl.: H 01 m 1/00.

LIECTROLYTIC CELL.

Applicant: HOECHSI AKTIENGFSELLSCHAFT, D-6230 FRANKFURI/MAIN 80 FEDERAL REPUBLIC OF GERMANY.

Inventors: 1. HERBERT PANTER, 2 HERMANN KLEIN, 3. GERHARD NOLTE, 4. EBERHARD PREISLER, 5. HANS WERNER STEPHAN, 6. GUNTER REICHERT.

Application No. 337/Cal/82 filed March 25, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An electrolytic cell sealed in 'gas-tight and liquid-tight fashion comprising a box-shaped cell tank (1) open at its top and provided with at least one intake duct, at least one overflow duct and at least one discharge duct; at least one overflow duct and at least one discharge duct; a cover (14) being placed on the cell tank (1); two opposed flange-receiving electrode supporting frames (7) being secured to the inside of the cell tank (1) near the upper end, thereof; a chemically resistant and electrically insulating coaling being applied to the inside of the cover and cell tank (1); a plurality of semi-circular released grooves spaced apart from each other being formed in the upper rim portion of at least one of the side walls of the cell tank (1), the recessed grooves (8) receiving semi-circular current beams (9) projecting outwardly; a first elastic packing (11, 12) structurally conformed to the upper rim portion of the cell tank (1) including the recessed grooves (8) being placed thereon; a second elastic packing (15) arranged at the underside of the current beams (9) co-operating with the upper side of

the current beams (9) and the first elastic packing (11, 12) the current beams (9) and the first elastic packing (11, 12) whereby the electrolytic cell becomes gas-tightly sealed; main current rail (17) running outside the cell tank laterally with respect thereto and being spaced therefrom, the rail providing large contact areas supporting the projecting ends of the current beams (9); and the electrode supporting frames (7) and the current beams (9) being electrically conducting inside the electrolytic cell.

Compl. specn. 10 pages.

Drg. 4 sheets.

CLASS · 69 N

I56140

Int. Cl.: H 01 h 9/30.

FOR CIRCUIT ARC-SUPPRESSING APPARATUS BREAKER.

Applicant . Mrtsubishi denki Kabushiki Kaisha. of No. 2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, Japan.

Inventors 1. KIYOSHI EGUCHI, 2. TAKAYOSHI ISHIKAWA, 3. SHIGEMI TAMARU, 4. YASUSHI GENBA, 5. TOSHIHIKO KODERA.

Application No. 391/Cal/82 filed April 7, 1982.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An aic-suppressing apparatus for a circuit breaker, com-

at least one grid;

a pair of plates, each having at least one first groove pair of plates, each having at least one first groove formed at an inner surface thereof and in confrontation with each other with respect to the opposing groove and at least one second groove extending linearly from one end of said at least one first groove to an edge of each of said side plates, said second groove being shallower than said first groove;

said at least one grid having opposite side edges which fit in said at least one first groove on said pair of plates said at least one grid being held by said pair of plates.

Compl. specn. 5 pages.

Drg. 3 sheets..

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78 (3)

The claims 1 to 7 and 17 of the complete specification in respect of Patent application No. 152088 (earlier No. 321/(al/79)) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of Irdia dated the 15th October, 1983 has been corrected under Section 78 (3) of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted spicifications are available for sale from the Patent Office, Calcutta and its branches at New Delhi, Madras, Bombay at two rupees per copy :-

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148060 148785 151380 151717 152087 152245 152313 152438 153064 153065 153071 153112 153151 153152 153157 153191 153192 153193 153195 153207 153208 153243 153244 153245 153247 153248 153256 153257 153273 154301.

RENEWAL FEES PAID

[PART III—SEC. 2

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

- Class 1. No. 154969. Saurashtra Manufacturing Corporation, C-79, Mayapuri, Delhi-110064, an Indian Partnership Concern. "Ice Cream Scooper". 19th October, 1984.
- Class 1. No. 155102. Export Wel Industries, Qasdı Tola,
 Moradabad (6)-244001 (U.P.) (an Indian
 Partnership Firm). "Hukka Malabari". 26th
 November, 1984
- Class 1. No. 154729. Application Art Laboratories Co., Ltd., a limited liability company, organised and existing under the laws of Japan of 9-16, Hanalata 2 chome, Adachi-ku, Tokyo, Japan. "Magnetic Fastener for Clothing". 22nd August, 1984

- Class 1. No. 154995. Sarwan Singh & Sons, Rohti Bridge, Nabha, Pin 147201, District Patiala. "Harvester Combine". 25th October, 1984.
- Class 1. No. 154654. Ideal Engineers Hyderabad Pvt. Ltd., Unit No. 2, Plot No. 42, Co-op. Industrial Estate, E.P. Gandhinagar, Balanagar P.O. Hyderabad-500 037. Andhra Pradesh, India, an Indian Company. "Stove". 1st August, 1984.
- Class 1. No. 155029. Auduth Timble. Indian national, whose address is C/o. Fomento Resorts and Hotels. 25, Ormuz Road. Keith Building, 2nd floor, Panjim, Goa-403001, India. "Minibus". 6th November, 1984.
- Class 1. No. 155183. Honda Motor Company Limited, a corporation duly organised and existing under the laws of Japan, having its office at No. 27-8, 6 chome, Jingumae, Shibuyaku, Tokyo, Japan. "Head I amp and Side Indicators Assembly of its Lead NH-100. Scooter". 18th December, 1984.
- Class 1. No. 155185. Honda Motor Company Limited, a corporation duly organised and existing under the Laws of Japan having its office at No. 27-8, 6 chome, Jingumae, Shibayaku, Tokyo, Japan. "Fuel tank with fuel gauge and fuel tank cap". 18th December, 1984.
- Class 1. No. 155182. Honda Motor Company Limited, a corporation duly organised and existing under the laws of Japan, having its office at No. 27-8, 6 Chome, Jingumae, Shibuyaku, Tokyo, Japan. "Lead · NH-100 Scooter". 18th December, 1984.
- Class 1. No. 155493. Asian Advertisers, 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra, an Indian partnership firm. "Key Chain". 16th March, 1985.
- Class 1. No. 154676. M/s. Navago Electronics. B-115. 3rd Cross Peenva Industrial Estate, Bangalore-560 058, Karnataka State, Indian Partnership firm. "Phase Failure Relay". 9th August, 1984.
- Class 1. No. 154724. Lucky Auto Products. 10249-Gali Mill Wali, Library Road, Azad Market Delhi-110006 an Indian Partnership concern. "Mirror". 22nd August, 1984.
- Class 1. No. 154887. Mahendra Traders, 45. Khurshid Market Sadar Bazar, Delhi-6. an Indian Partnership concern. "Feeding Bottle". 27th September, 1984.
- Class 1. No. 154961. Arlco Pty. Limited, a common incorporated under the laws of the State of New South Wales of 50-58 Robey Street. Mascot New South Wales 2020, Australia "a Medical Intravenous Flow Control Device". 16th October, 1984.
- Class 1. No. 155018. Fagle Flask Private Limited, a company incorporated under the Indian Companies Act, at Eagle Estate, Talegaon 410 507, District Pune, State of Maharashtra, India, "Cigarette Lighter". 31st October, 1984.
- Class 3 No. 15541?. Medern Fan Industries. B-133.

 Phase-I Mavanuri, New Delhi-110064. (an Indian Partnership Concern). "Grill". 19th February, 1985.

- Class 3. No. 155413. Modern Fan Industries, B-133, Mavapuri, Phase-I, New Delhi-110064, (an Indian Partnership Concern). "Grill". 19th February, 1985.
- Class 3. No. 155241. Amar Plastic, 4, Vijay Bhuvan, School Road, Malad (West), Bombay-400 064, Maharashtra, an Indian partnership Firm. "Coaster Stand". 2nd January, 1985.
- Class 3. No. 155242. Amar Plastic, 4, Vijay Bhuvan, School Road, Malad (West), Bombay-400 064, Maharashtra. an Indian Partnership Firm. "Coaster". 2nd January, 1985.
- Class 3. No. 155151. Wallfrin International 1st floor, 114/
 115, Bussa Industrial Estate, Near Century
 Bazar, Bombay-400025, Maharashtra State, an
 Indian Partnership Firm. "Water Bottle". 7th
 December, 1984.
- Class 3. No. 154818. SPBP Tea Industries Pvt. Ltd., of 20, British Indian Street, 2nd Floor. Calcutta-700069, State of West Bengal India, an Indian Company. "Bottle". 12th September, 1984.
- Class 3. No 155011. Bata India Limited, a Public Limited Company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta. West Bengal. "a sole of the Footwear". 31st October, 1984.
- Class 3. No. 155012. Bata India Limited, a Public Limited Company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal. "a sole of the Footwear". 31st October 1984.
- Class 3. No. 155014, Bata India Limited, a Public Limited Company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal. "a sole of the Footwear". 31st October 1984.
- Class 3. No 155016. Bata India Limited, a Public Limited Company incorporated under the Indian Companies Act and having its registered office at 30 Shakespeare Sarani in the town of Calcutta, West Bengal. "a sole of the Footwear". 31st October, 1984.
- Class 3. No. 155463. Fdna Industries. Indian Partnership Concern, 9-E. Mahim Halder Street. Calcuttn-26. West •Bengal. "Container". 11th March, 1985.
- Class 3 No. 155188. Polyset Corporation, 904, Recent Chambers. Nariman Point, Bombay 400 021, State of Maharashtra, an Indian Sole Proprietory Firm. "Salt & Pepper Container". 19th December, 1984.
- Class 3. No. 155068. Sony Kabushiki Kaisha, a Jananese Class 3. No. 154644. I C. Auto Industries A-141, Qutram Shinagawa-ku. Tokyo, Japan. "Video Tape Cassette". 17th November, 1984.
- Class 3. No. 154960. Sonv Kabushiki Ka'sha a Jananese Company of 7-35. Kitashinagawa 6-Chome. Shinagawa-ku. Tokyo, Janan. "Video Tape Cassette". 16th October, 1984
- Class 3. No. 154644. I.C. Auto Industries, A-141, Outram Lines Kingsway Camp. Delhi-110009 an Indian Proprietorship concern. "Rediator Fan", 28th July, 1984,

- Class 3. No. 154922. Everest Products, Mietry Family
 Trust Industrial Estate, I.B. Patel RD. Goregaon
 (Fast). Bombay-400 063. "Pen Stand with
 Permanent Calender Cum Card Holder". 8th
 October, 1984.
- Class 3. No. 155464 Edna Industries, Indian Partnership Concern, 9-E, Mahim Halder Street, Calcutta-26, West Bengal. "Container": 11th March, 1985.

R. A. ACHARYA
Controller General of Patents, Designs
and Trade Marks